



Ministry of
Colleges and
Universities

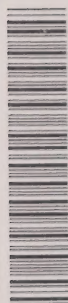
Ontario

Glazier and Metal Mechanic

Government
Publications

Apprenticeship
Training

UNIVERSITY



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When archaeologists began excavating ancient Egyptian buildings, quantities of man-made glass were found, giving credence to statements that this material was used by artisans of that era.

Not too long ago, your stature in the community was determined by the condition of your house and property. Only the well-to-do had windows fitted with glass.

Of course, the relationship of glass to people has changed only recently. It is now accepted as a utilitarian material and has, over the last decade, assumed prominence in the construction of large buildings.

For men and women interested in a career in this vital and challenging vocation, the Ontario Ministry of Colleges and Universities is sponsoring an attractive, modernized apprenticeship training program.

During the life of the contract the apprentice works under the supervision of skilled and experienced journeymen.

Qualifications

Applicants for apprenticeship must be at least 16 years of age and have a minimum of grade 10 standing in an Ontario secondary school or an equivalent level of education.

There are no maximum age limits for apprentices but a good physical condition is desirable. They should have an interest in mathematics, blueprint reading and metallurgy.

Duties

The experienced glazier and metal mechanic is expected to be knowledgeable in a wide range of duties including: job lay-out; prefabrication for installation; machine and hand tool application; safety requirements and scaffold erection; curtain-wall systems, and local bylaws referring to "ancient lights."

Training

The apprenticeship training program for the glazier and metal mechanic covers four periods of 2,000 hours each (equivalent to approximately 3½ years) consisting of practical on-the-job training, coupled with related instruction at a college of applied arts and technology.

The related courses of instruction are compulsory and include an eight-week basic course, an intermediate course and an advanced course near the end of the apprenticeship contract.

Training Allowance

During in-school instruction, the apprentice's tuition fees, living allowance and travel expenses are provided by the Federal Department of Manpower and Immigration and the Ministry of Colleges and Universities under a shared-cost agreement.

Earning While Learning

While training on the job, apprentices earn while they learn. Their wages are based on a percentage of those paid a journeyman in the same trade in the same shop. An apprentice in this trade receives 60 percent of the prevailing rate for journeymen in this area during the first 1,000-hour period of apprenticeship. The rate advances to 65, 70, 75, 80, 85, 90 and 95 percent in each of the succeeding 1,000-hour periods.

At the conclusion of each 1,000-hour period, apprentices must receive the recommendation of their employer before proceeding to the next period of the contract.

Certificates

On completion of the eight 1,000-hour periods, apprentices must write a final examination. A passing mark of 60 percent will entitle you to a Certificate of Apprenticeship.

The Certificate of Qualification is issued by the Ontario Ministry of Colleges and Universities for this trade on the payment of a \$10 fee. This certificate does not require renewal.

Employment Prospects

A continued increase in the employment of glaziers and metal mechanics is expected. In addition to openings resulting from the expansion of the trade, replacement needs will create a considerable number of job opportunities for new workers each year in the areas of high-rise residential, industrial, and commercial construction.

Once the apprentice attains the status of journeyman, individual abilities are usually the controlling factor in advancement to an administrative position or ownership of a business.

Enquiries

All enquiries concerning apprenticeship should be addressed to nearest district office listed on the back of this leaflet or to the Director

Industrial Training Branch
Ministry of Colleges and Universities
Mowat Block, Queen's Park
Toronto, Ontario M7A 2B5

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District Offices
Industrial Training Branch

Barrie 728-1951
Belleville 968-8671
Brantford 756-5197
Brockville 342-9447
Chatham 352-2800
Cornwall 933-6080
Guelph 821-3770
Hamilton 527-9105
Hawkesbury 632-2759
Kenora 468-3128
Kingston 544-5400
Kitchener 884-5460
London 453-7190
North Bay 474-5509
Oshawa 576-0171
Ottawa 731-7100
Owen Sound 376-5790
Pembroke 735-1041
Peterborough 743-4172
St. Catharines 684-8543
Sarnia 542-7751
Sault Ste. Marie 949-3331
Stoney Creek 664-5116
Stratford 273-1520
Sudbury 560-3440
Thunder Bay 475-1605
Timmins 235-3644
Toronto 965-4211
Windsor 254-8654



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Hon. Harry C. Parrott, DDS, Minister
Dr. J. Gordon Parr, Deputy Minister